

**ATTACHMENT J.9**

**APPENDIX I**

**DOE DIRECTIVES / LIST B**

**Applicable to the Operation of  
PPPL**

**Contract No. DE-AC02-09CH11466**

DOE Directive	Date	Title
<b><u>ES&amp;H</u></b>		
O 150.1B	12/21/21	Continuity Programs <i>PPPL shall evaluate the applicability of this order and submit an implementation schedule within 60 days of release of the FY22 biennial Mission Essential Function Revalidation Package</i>
O 151.1D	09/11/16	Comprehensive Emergency Management System
O 210.2A	04/08/11	DOE Corporate Operating Experience Program
O 225.1B	03/04/11	Accident Investigations
O 231.1B Chg. 1	06/27/11 11/28/12	Environment, Safety and Health Reporting <i>(10 CFR 851, DOE Worker Safety and Health Program Rule, incorporates DOE M 231.1-1A by reference and remains applicable until reference is removed from 10 CFR 851.)</i>
O 232.2A	01/17/17	Occurrence Reporting and Processing of Operations Information
O 410.2 Chg. 1	08/17/09 04/10/14	Management of Nuclear Materials
O 414.1D Chg. 1	04/25/11 05/08/13	Quality Assurance
O 420.1C Chg. 1	12/04/12 02/27/15	Facility Safety
O 422.1 Chg. 1 Chg. 2 Chg. 4	06/29/10 06/25/13 12/03/14 02/03/22	Conduct of Operations
M 435.1-1A Chg. 3	01/11/2021	Radioactive Waste Management Manual
O 435.1 Chg. 2	01-11-2021	Radioactive Waste Management
O436.1	05/02/11	Department Sustainability

O 442.2 Chg. 1	07/29/11 10/05/16	Differing Professional Opinions for Technical Issues Involving Environment, Safety, and Health
O 443.1C	09/21/20	Protection of Human Research Subjects
O 456.1A	07/15/16	The Safe Handling of Unbound Engineered Nanoparticles
O 458.1 Chg. 1 Chg. 2 Chg. 3 Chg.4	02/11/11 03/08/11 06/06/11 01/15/13 9/15/20	Radiation Protection of the Public and the Environment
O 460.1D	12/20/16	Hazardous Materials Packaging and Transportation Safety
O 460.2B	06/10/2022	Departmental Materials Transportation Management
DOE Std. 1090-2011	Sep. 2011	Hoisting and Rigging Standard
<b><u>SAFEGUARDS AND SECURITY</u></b>		
O 142.2A Chg. 1	12/15/06 06/27/13	Voluntary Offer Safeguards Agreement and Additional Protocol with the International Atomic Energy Agency
O 142.3B Chg. 2	10/14/10 03/02/22	Unclassified Foreign National Access Program <i>PPPL shall provide an implementation schedule within 90 days of Modification 0399 being executed.</i>
O 205.1C Chg. 1	05/15/19 02/03/22	Department of Energy Cyber Security Program
O 206.1 Chg.1	01/16/09 11/01/18	Department of Energy Privacy Program
O 206.2	02/19/13	Identity, Credential, and Access Management (ICAM)
O 227.1A Chg.1	12/21/15 01/21/20	Independent Oversight Program (PPPL's contractor assurance system, as described in clause H.50 Contractor Assurance System, is recognized as a compliant approach to implementation of DOE Order 227.1A.)
O 420.2D	09/09/2020	Safety of Accelerator Facilities

		<i>PPPL shall provide a revised implementation schedule within 60 days of Modification 0418 being executed.</i>
G 420.2-1A	08/01/14	Accelerator Facility Safety Implementation Guide for DOE O 420.2C, Safety of Accelerator Facilities
O 470.3C Chg. 1	11/23/16 09/09/20	Design Basis Threat (DBT) Order <i>Due to the lack of a CRD in this order, only the following sections are applicable to the contract: 1., 7., Appendix A paragraphs 4 and 5, Appendix H, Appendix I, and Appendix J.</i>
O 470.4B Chg. 1 Chg. 2 Chg. 3	07/26/11 02/15/13 01/17/17 9/23/2021	Safeguards and Security Program
O 470.5	06/02/14	Insider Threat Program
O 471.7	02/03/22	Controlled Unclassified Information <i>PPPL shall submit an implementation schedule within 90 days of Modification 0399 being executed.</i>
O 472.2A	06/10/2022	Personnel Security <i>PPPL shall submit an implementation schedule within 90 days of Modification 0412 being executed.</i>
O 473.1A	08/30/2021	Physical Protection Program Because PPPL only possess PL-7 and PL-8 covered assets, the following provisions are inapplicable: Attachment 2, Ch.2, 3-8, Ch. 3, 3, Ch. 5, 2-5, Ch. 6, 1.b, 4, 8, 10, and Ch. 7; Attachment 3, Ch 1, 2-3; Attachments 4 and 5; and Attachment 6, Ch. 1, 3-4, Ch. 2, 3-4, Ch. 3, 3-4, and Ch. 4, 4.
473.2A	08/30/2021	Protective Force Operations To the limited extent that this order is applicable to PPPL, the proposed implementation at H.49 is accepted as conforming with this order.
O 474.2A	02/07/2023	Nuclear Material Control and Accountability <i>PPPL shall submit an implementation plan within 60 days after the execution of modification M0432.</i>
O 475.1	12/10/04	Counterintelligence Program Canceled by 481.1.E

<b><u>FINANCIAL MANAGEMENT</u></b>		
O 130.1A	01/07/2021	Budget Planning, Formulation, Execution and Departmental Performance Management
O 520.1B	01/07/2021	Financial Management and Chief Financial Officer Responsibilities
O 522.1A	08/02/18	Pricing of Department Materials and Services
O 544.1 Chg. 1	10/12/04 11/07/17	Priorities and Allocations Program (PPPL does not have a DPAS rating)
<b><u>OTHER</u></b>		
O 200.1A Chg. 1	12/23/08 01/13/17	Information Technology Management
O 203.1	01/07/05	Limited Personal Use of Government Office Equipment Including Information Technology
O 221.1B	09/27/16	Reporting Fraud, Waste, and Abuse to the Office of Inspector General
O 221.2A	02/25/08	Cooperation with the Office of Inspector General
O 241.1B Chg. 1	12/13/10 04/26/16	Scientific and Technical Information Management
O 243.1C	02/07/22	Records Management Program <i>PPPL shall submit an implementation schedule within 90 days of Modification 0399 being executed.</i>
O 252.1A Chg. 1	02/23/11 03/12/13	Technical Standards Program
O 311.1B Chg. 1	01-14-2021	Equal Opportunity and Diversity Program

O 350.1 Chg. 1 Chg. 2	09/30/96 05/08/98 10/13/09	Contractor Human Resource Management Program (except as otherwise modified in Appendix A of this Contract)
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Chg. 3 Chg. 4 Chg. 5 Chg. 6 Chg. 7	02/23/10 04/29/13 09/30/14 02/01/18	
O 412.1A Chg. 1	04/21/05 05/21/14	Work Authorization System
P 482.2	01/11/2021	Laboratory Technology Transfer Data Collection Management
O 413.2C	10/22/15	Laboratory Directed Research and Development
P 482.2	01/11/2021	Laboratory Technology Transfer Data Collection Management
O 413.3B Chg. 6	01/12/2021	Program and Project Management for the Acquisition of Capital Assets (PPPL implementation due 7/1/2021)
O 481.1E Chg. 1	12/13/19	Strategic Partnership Projects (Formerly Known as Work for Others (Non-Department of Energy Funded Work)
O 483.1B Chg. 1 Chg. 2	12/20/16 02/08/19 12/13/19	DOE Cooperative Research and Development Agreements
O 484.1 Chg. 1 Chg. 2	08/17/06 03/14/11 06/30/14	Reimbursable Work for the Department of Homeland Security
O 486.1A	09/04/20	Foreign Government Sponsored or Affiliated Activities
P 485.1A	12/13/19	Foreign Engagements with DOE National Laboratories
O 550.1 Chg. 1	12/13/19	Official Travel
G 580.1-1A	06/09/15	Personal Property
G – Guide M – Manual N – Notice O – Order P – Policy		
<b>Note:</b> Additional Manuals may apply.		

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